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DECLASS REVIEW BY NIMA / DoD

TCS 1026/64-KH  
M/EB 21/64  
31 January 1964  
Copy 1

MEMORANDUM FOR: Chief, Military-Economics Division, ORR

25X1A

ATTENTION: [REDACTED]

THROUGH: Chief, Requirements Branch, Reconnaissance Group, CGS

FROM: Chief, CIA/PID (NPIC)

SUBJECT: Sary Shagan Complex B Comparison to Modified SA-1 Site

REFERENCES: (a) Requirement C-MR-3-80,548  
(b) CIA/PID Project C 1262-63

1. This memorandum is in response to your requirement dated 9 September 1963, which requested: (1) Similarly scaled line drawings of the Sary Shagan Complex B triad, road pattern and related structures and activity, and one of the modified SA-1 complexes in the Moscow area; (2) Measurements of pad spacing, road spacing, pad areas, launchers or objects on pads, related buildings, structures and areas of activity at both the Complex B facility and the selected SA-1 site; (3) Indication of cable lines, trenches or pipelines at both facilities; and (4) Search for and description with measurements of any support buildings in the Sary Shagan area which bear a number/dimension relation to the four/five large buildings.

2. INTRODUCTION

a. Certain favorable correlations between possible ANM facilities at Sary Shagan and at the modified Moscow SA-1 SAM sites have been evident since the appearance of the unidentified building triads. The correlations involved exterior configurations and dimensions of the major buildings in the triad, positions of roof mounted objects and building placement. The extent of similarity and differences received previous attention in NPIC/R-147/63. Since then a number of changes have been noted, particularly at Launch Complex B, (SSATC), [REDACTED] located at 46-01N 072-29E. Site preparation at Facility C, Complex B in the form of extensive earth scarring was first seen on KEYHOLE photography of [REDACTED]

25X1A

25X1D

b. The Moscow SA-1 SAM site selected for this comparison is K33-1, [REDACTED] located at 56-20N 036-48E. The first evidence of site preparation in the building triad area was produced by KEYHOLE photography of [REDACTED] though [REDACTED] coverage revealed support area building construction of a type associated with the other possible ANM facilities in the Moscow area. Examination of photography covering the other possible ANM facilities reveals that construction at all sites probably commenced at approximately the same general time period, and progressed at approximately similar rates.

25X1A

25X1D

25X1D

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S-10547

GROUP 1  
Excluded from automatic  
downgrading and  
declassification

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c. In discussing the position of structures and other features, reference will be made to the front, rear or sides of the major components in the triad of buildings. In this regard, the front of each major component is that side facing out from the center of Moscow. Corresponding sides at similar Sary Shagan installations will be similarly referred to.

**3. MOSCOW SA-1 SAM SITE E33-1**

25X1D a. Though good photography of this installation was not secured between [REDACTED] the available coverage reveals evidence that progress on site modification was probably paralleling that visible at Site E15-1 and E24-1. Available coverage of Site E05-1 reveals that construction at this site was possibly phased in a similar manner.

b. Similarities in the major components of the four modified Moscow SA-1 sites possibly associated with AMM activity was reported in NPIC/R-147/63. In addition, the following associations or changes are noted:

(1) Sites E33-1, E15-1 and possibly E05-1 have a group of three small rectangular structures (note Area E, Attachments 1 and 3), sited approximately 500 feet to the left of the large rectangular structure, Annotation A.

(2) Sites E33-1 and E24-1 have two small rectangular structures with a possible third under construction, forming a "T" configuration approximately 800 feet to the right of building A. Two probably similar structures are located in a corresponding position at Site E05-1.

(3) Though it is possible that the structures in area D and E are temporary construction support buildings, it is noted that in the case of Sites E33-1, E15-1 and E05-1, the buildings in area E are sited in approximately the same relative position with reference to the large rectangular building annotated A, and to each other. [REDACTED]

25X1B

25X1B

25X1D

25X1D

(4) Evidence of new earth scarring within and near the Herringbone pattern at all of the Moscow possible AMM sites and at a number of other SA-1 sites has appeared between [REDACTED] as revealed in KEYHOLE mission [REDACTED] Attachment 3 depicts this new activity at site E33-1.

(5) Each of the Moscow possible AMM sites have revealed building construction in the housekeeping support area. This construction, consisting of four or five 200 by 50 foot possibly two story buildings, was phased to begin prior to commencement of construction of the triad of buildings. The appearance of the buildings, adjoining roads, and the siting of the structures indicates they are possibly housing units. At each of the possible AMM sites, four or five

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of these buildings are constructed in a row, as shown at Annotation 1, Attachment 1, with an additional building of the same type sited separately but nearby in the support area, as shown at Annotation 2 of the same attachment. Floor space for these large two story possible housing units at Site E33-1 amounts to approximately 60,000 square feet. If these structures were troop barracks, each would house approximately 330 personnel, on the basis of 60 square feet per person. However, if the buildings are designed as family type living units, the number of operating personnel accommodated would be accordingly much smaller.

25X1D (6) A raised structure, about 70 feet wide, and possibly square, is being constructed on the roof of Building A. It is noted for the first time on photography accomplished in [REDACTED]. Note Attachment 3.

(7) The access road to the building triad area runs in back of Building A to the vicinity of area D. It then loops down and back in a wide radius 180 degree turn, running back to join a cleared area adjacent to the original Herringbone road between Building C and A. The distance between the outside edges of these parallel roads is approximately 260 feet. The approximately 25-foot wide road is possibly concrete surfaced. A strip 70 to 100 feet wide has been cleared for the road, including a strip contiguous to the original Herringbone road section between Building C and A. As can be seen in Attachment 1, the road and cleared area forms a distinctive pattern among the possible ANM facilities in the Moscow area.

4. SARY SHAGAN, LAUNCH COMPLEX B, FACILITY C

25X1D a. Photographic coverage of this facility has been relatively frequent, thus providing a good chronological record of progress. Site preparation was first observed in [REDACTED]. Attachment 10 contains a textual chronology.

25X1D b. Additions to the Complex B support area since [REDACTED] are as follows:

25X1D (1) Storage, Assembly and Checkout Area: Three (3) probably single story buildings with a total floor space of approximately 4,500 square feet. These buildings were probably in place on [REDACTED]

25X1D (2) Housing Facility: Five (5) two story and two (2) single story units with a total of 39,700 square feet of floor space. This would accommodate 660 personnel if the buildings were barracks allowing 60 square feet per man. Seventy (70) percent of these structures were in place on [REDACTED]

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(3) Possible Technical and Laboratory Facility: One probable single story warehouse with 8,400 square feet, possibly used for inflammable stores. The slab foundation and firewalls were photographed on the TALENT

25X1D  
25X1D

This structure was probably complete on

b. Major components of the four possible AMM facilities at Sary Shagan are similar, with variations probably the result of system development and test. The significant differences at Launch Complex B, Facility C present the first evidence of a possible launch facility associated directly with the triad of buildings.

25X1D

(1) Construction of an oblong, loop shaped road pattern behind the triad of buildings was first detected on photography accomplished in Work on the road probably continued through the summer of 1962, with KEYHOLE coverage revealing the road essentially as shown on attachments to this report. Two possible launch points (\*) were possibly completed at this time. (See Annotation J, Attachment 2). Unidentified objects or activity on and near the possible launch points has been detected over a period of time, as reported in the chronology on Attachment 9. Dimensions of the unidentified shapes are difficult to determine; however, the following range of measurements is presented for consideration. The annotation numbers listed are found on Attachment 9.

ANNOTATION NO.	Dimensions in Feet (Height cannot be verified)	
	Length	Width
1	25 to 50	5 to 25
2	30 to 50	5 to 30
3	60 to 90	10 to 40
4	50 to 90	10 to 40

25X1D

(2) A possible mound or earth ramped structure (\*\*) approximately 400 feet long, located in front of Building A-1 was first seen on KEYHOLE photography accomplished in This feature, adjacent structures and activity can be seen in attachments 5, 7, and 8.

25X1B  
25X1B

(3) The identification of a dish-shaped object on top of the tower at Annotation 1, Attachment 5, is based on analysis of an excellent KEYHOLE photographic image, confirmed by positive photogrammetric evidence.

(\*) Referred to as "launch segments" in Memorandum Report TCS 4385/63-KH M/EB 410/63  
(\*\*) Referred to as a "probable excavation" in Memorandum Report TCS 4385/63-KH M/EB 410/63

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Attachment 6 is a copy of the photogrammetrists plot and data sheet, delivered in answer to a specific request for information. The crescent shape of the shadow at Annotation 1, Attachment 5 could only occur with a dish shape. If it were ball shaped, a crescent type highlight would result along the top of the object. The angle between the inclined dish and the flat roof of Building A results in the circular shaped shadow at Annotation 2, Attachment 5.

(4) The shadow of the tower on Building A breaks as it crosses the roof, indicating a possible raised section, as depicted in Attachment 8.

25X1D (5) Photography from [REDACTED] reveals that the southeast  
side of Building A appears to bulge outward slightly. The quality of Mission  
25X1D [REDACTED] precluded verification; however, this feature was again apparent on  
25X1D [REDACTED] and is therefore portrayed on Attachment 8 accordingly. This  
feature has not been detected on any of the other similar structures at Sary  
Shagan or Moscow. It is possible the bulge has been there from the time the  
building was erected but available photography will not permit negation or  
confirmation.

25X1D (6) A loop-shaped road at the intersection of access roads approxi-  
mately 2,000 feet northeast of the building triad and 400 feet west of the  
assembly and checkout facility has been present since [REDACTED] See Annotation  
H, Attachment 2. No structure or activity has been observed in association with  
this feature, other than the earth scar running through the enclosed area.

(7) The loop-shaped road at Annotation F, Attachment 2, (though  
within the fenced area designated "Facility B") has probably been constructed  
in conjunction with the more recently constructed Facility C. A trench connects  
it with one of the small buildings in the triad as shown in Attachment 2 and 7.

25X1D (8) A probable bunker appears at Annotation E, Attachment 2. This  
probable bunker was possibly present in [REDACTED], however, the  
25X1D photo quality precludes determination of construction status or even positive  
25X1D negation or confirmation. Clouds covered the point during the TALENT mission  
of [REDACTED]. The feature is probably present on [REDACTED]  
though photo quality precluded determination of construction status.

25X1D (9) A circular probable concrete pad (Annotation G, Attachment 2)  
was present before construction work on Facility C began. It was photographed  
by the [REDACTED] TALENT mission, which revealed a possible electronic device  
sited on the pad.

25X1D (10) Approximately 200 feet to the left of Building A and 400 feet  
in front of Building C an unidentified area contains a number of small structures.  
This has been an area of activity since construction of buildings in the area  
was first observed. A possible structure could be seen in the area on [REDACTED]  
25X1D photography, with a possible pipe or cable line running into the area.  
[REDACTED] photography revealed an apparent extension of this earth scar on the other

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side of the area, connecting it with Building A. The area has a low rectangular structure approximately 90 by 20 feet. Grouped around this narrow structure are three to six 50 by 20 foot structures. All structures are low, casting little or no shadow.

5. POSITIVE AND NEGATIVE CORRELATIONS OTHER THAN THOSE REPORTED IN NPIC/R-147/63

a. Probably Positive Correlations

(1) The shape and spacing of the two adjacent possible launch points at the Sary Shagan facility (Attachment J, Attachment 2) is similar to the shape and spacing of launch points with curved revetments found on the prototype Herringbone launch site at Kapustin Yar. Though the curved revetments at Moscow SA-1 Herringbone sites are not as prominent, the corresponding launch point configuration, size, and spacing is similar to that found at the Kapustin Yar site. Attachment 4 shows a rectified line drawing of Facility C, Sary Shagan, superimposed over a similarly scaled line drawing of the Kapustin Yar Herringbone pattern. By lifting the acetate overlay it can be seen that the Sary Shagan possible launch points correlate very well with two of the launch points at the Kapustin Yar site; thus, they correlate very well with corresponding features at the Moscow Herringbone sites.

(2) Facility C, Launch Complex B, Sary Shagan, has a tower with a dish-shaped device mounted on the roof of the largest building in the triad. A raised structure is under construction in approximately the same location on the corresponding building at the Moscow SAM site E33-1.

(3) The placement of Building C with relation to the possible launch points at Sary Shagan (See Attachment 2), can be equated to the position of Building C at the Moscow site with relation to adjacent launch points in the Herringbone pattern to the southeast. At the Moscow site, Building C is located at a point previously occupied by one of the SA-1 site control bunkers.

(4) The size and configuration of the oblong loop-shaped road northeast of Building C at the Sary Shagan installation is approximately similar to the oblong loop-shaped road north of Building B at the Moscow installation. Both have very wide radius turns.

(5) When considering the location of the buildings annotated C with reference to surrounding access roads at both installations, it can be concluded that approximately the same amount of unoccupied terrain surrounds the corresponding buildings. This is partially true in the case of the corresponding buildings annotated B.

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(6) New probable housing construction has taken place in the support areas at both Launch Complex B, Sary Shagan and at Moscow SA-1 SAM Site E33-1, as it has at the other possible AMM facilities in the Moscow area. Approximately 60,000 square feet of possible housing space has been added to the Moscow SA-1 SAM Site E33-1 housing area, while approximately 39,700 square feet of probable housing space has been added to the support area at Launch Complex B, at Sary Shagan. However, there is no marked correlation between the shape or size of individual buildings involved in this new construction.

(7) The trench running from Building B to area F at Sary Shagan (Attachment 2) correlates somewhat with a possible trench running from Building B to an area of unidentified activity at Moscow (Attachment 3).

b. Probably Negative Correlations

(1) Building A at the Moscow facility does not have counterpart structures to the Sary Shagan structures annotated A-1 and A-2 on Attachment 2. Structure A-2 at Sary Shagan is unique in that no other building corresponding to Building A, at either Moscow or Sary Shagan, has a similarly contiguous structure. Though all the Sary Shagan facilities of this type have a structure corresponding to structure A-1, none of the Moscow possible AMM sites have such a structure.

(2) The position of the oblong, loop-shaped road with reference to adjacent major structures, is different at the two sites being compared.

(3) The large building annotated A at the Sary Shagan site appears to have a modified shape, with the central section of the left side slightly protruding, probably as shown in Attachment 8. No other corresponding building at Moscow or Sary Shagan appears to have this feature.

(4) Building A at the Moscow site has possibly integral structures in area D and E, Attachment 1 and 3. Similarly situated structures are not seen at any of the corresponding Sary Shagan sites.

(5) The position of new earth scars within the Herringbone pattern at the Moscow facility, as portrayed in Attachment 3, does not appear to correlate with activity or significant features at the Sary Shagan site.

(6) Unidentified activity or objects have been visible at one or more of the Sary Shagan possible launch points behind Buildings B and C since [REDACTED] (See Attachment 9). No similar features have been visible at the Moscow facility.

(7) The large possible mound or earth ramped structure in front of Building A-1 at Sary Shagan has no counterpart at any of the other possible AMM facilities, at Moscow or Sary Shagan.

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(8) The small rectangular unidentified objects located approximately 250 feet to the left of Building A and 400 feet in front of Building C at the Sary Shagan facility have no counterpart at any of the other similar facilities, either at Moscow or Sary Shagan. The area has been previously associated with possible construction support activity, however, further evaluation of the photographic evidence results in a conclusion that the objects or structures found in this area are possibly integral to the facility and will serve a yet to be defined function.

6. DISCUSSION OF CORRELATIONS

a. The quality of KEYHOLE photography precludes detection of many possible details at both installations under study. It is possible the Sary Shagan "launch points" have features dissimilar from the SA-1 launch points at Moscow. The Herringbone launch points consist of rectangular, concrete, sawtooth extensions of the access road, each bounded on the back side by an oblong prepared area on which possible checkout equipment is sited. These oblong prepared areas give the launch points their curved shape. This shape is especially apparent at the Kapustin Yar prototype Herringbone site. At Sary Shagan, on the other hand, the entire configuration may have a concrete surface.

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25X1B

7. SUMMARY

A high degree of positive correlation exists between the Sary Shagan possible AMM facility at Launch Complex B and the possible AMM facility being constructed at Moscow SA-1 SAM Site E33-1. The negative correlations can be attributed to modifications probably introduced in the course of system development and test.

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8. The photo analyst on this project is [REDACTED] who may be contacted on extension 2078 should you have any further questions concerning this project.

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9. This project is considered to be complete. [REDACTED]

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Enclosures:

- 1 - Index to attachments
- 2 - Two (2) reproductions of annotated photos (CIA/PID/MEB-P-210/63 & P-345/63)
- 3 - Six (6) line drawings (CIA/PID/MEB-P-28/64 thru 33/64)
- 4 - One (1) photo (CIA/PID/MEB-P-337/63)
- 5 - One (1) table (CIA/PID/MEB-P-34/64)

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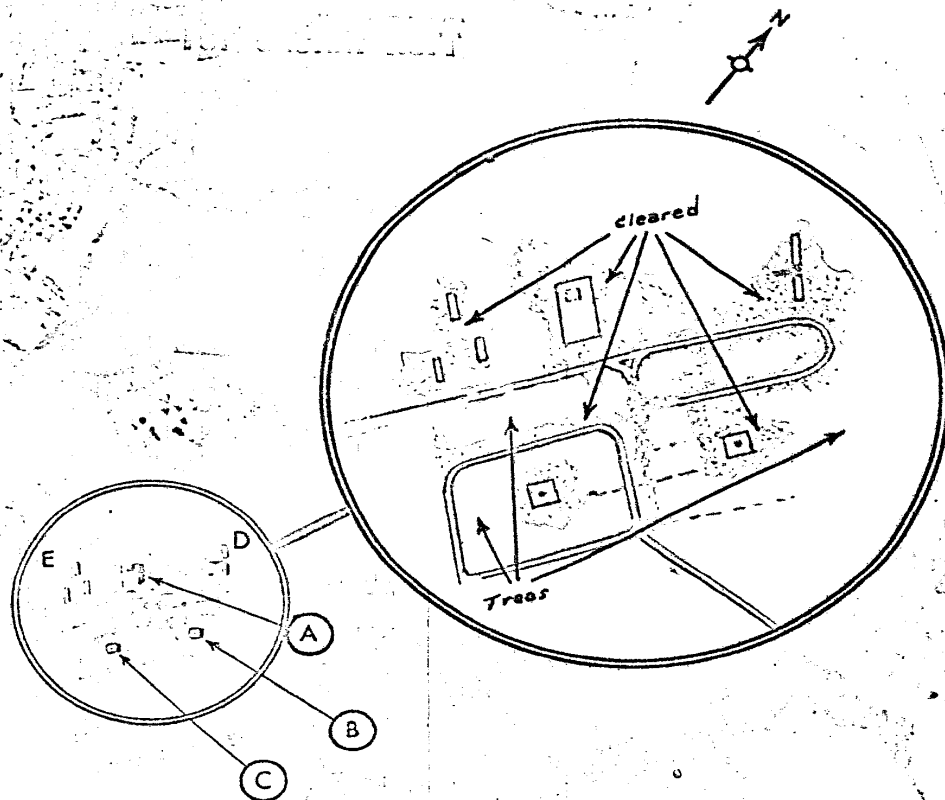
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INDEX TO ATTACHMENTS

Attachment No.

- 1 Moscow Modified SA-1 SAM Site E33-1 (Xerox reproduction of  
25X1D [REDACTED] CIA/PID/MEB-P-210/63
- 2 Facility C, Launch Complex B, Sary Shagan (Rectified line drawing  
with dimensions overlay)
- 3 Moscow Modified SA-1 SAM Site E33-1 (Rectified line drawing with  
dimension overlay) and Launch Complex B, Sary Shagan transparent  
foil overlay
- 4 Kapustin Yar Prototype Herringbone Launch Site, scaled line  
drawing and Launch Complex B, Sary Shagan transparent foil overlay
- 5 Facilities A, B, and C, Launch Complex B, Sary Shagan, USSR  
25X1D [REDACTED] CIA/PID/MEB-P-337/63 [REDACTED]  
25X1D
- 6 The tower and dish at Facility C, Launch Complex B, Sary Shagan.  
Photogrammetric plot and metrical analysis prepared by NPIC  
Technical Intelligence Division
- 7 Facility C, Launch Complex B, Sary Shagan (Activity in the  
25X1D triad area) [REDACTED]
- 8 Facility C, Launch Complex B, Oblique Perspective Sketch  
featuring cumulative evidence of earth scars
- 9 Facility C, Launch Complex B, Activity at Possible Launch  
Segments
- 10 Comparative textual chronology, Facility C, Launch Complex B,  
Sary Shagan, and Modified Moscow SA-1 SAM Site E33-1

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MOSCOW MODIFIED SA-1

SAM Site E33-1

25X1D

/CIA/PID-P-210

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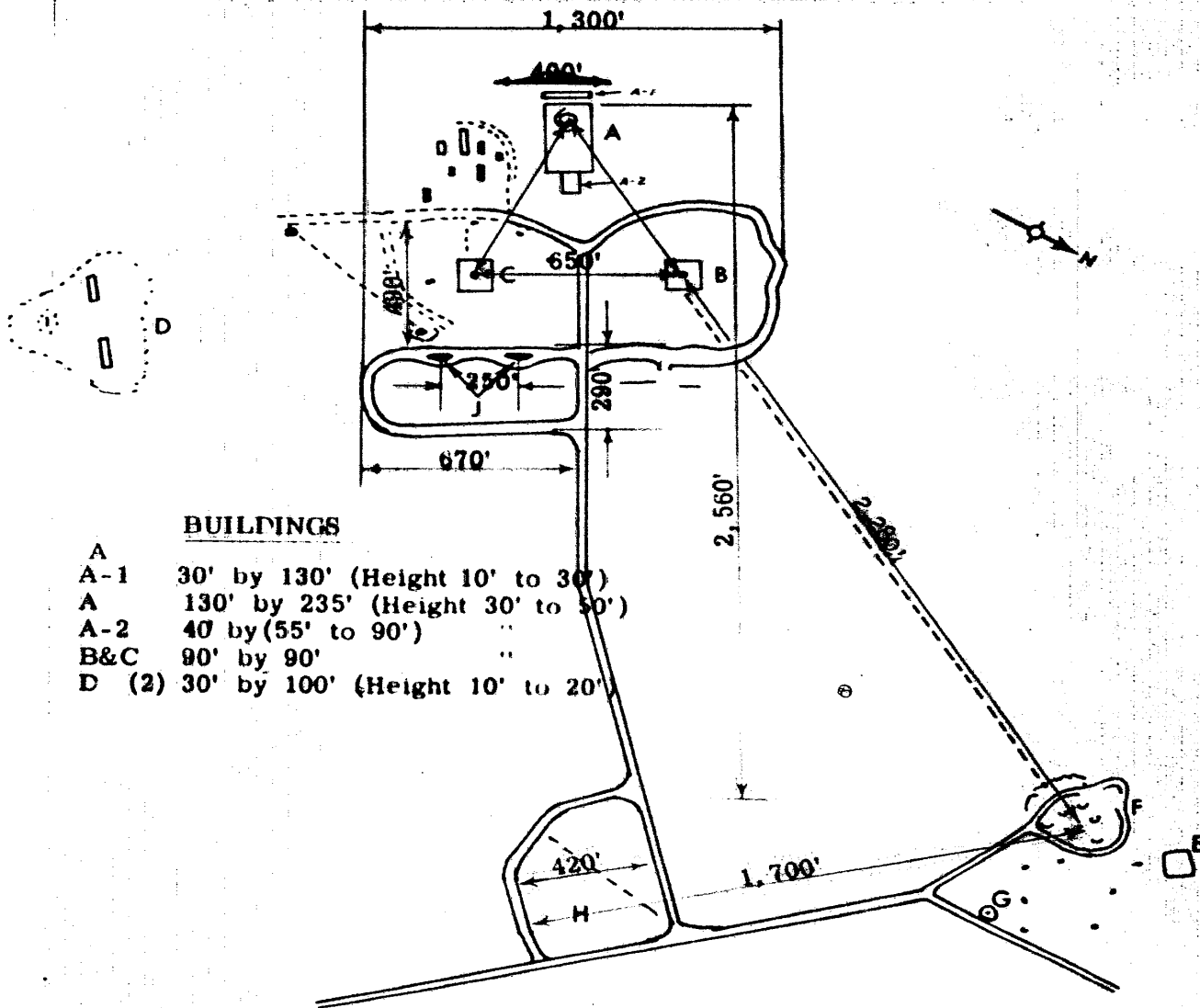
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ATTACH. NO. 1

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**BUILDINGS**

- A
- A-1 30' by 130' (Height 10' to 30')
- A 130' by 235' (Height 30' to 50')
- A-2 40' by (55' to 90')
- B&C 90' by 90'
- D (2) 30' by 100' (Height 10' to 20')

**LAUNCH COMPLEX B**

SARY SHAGAN, USSR

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~~LAUNCH COMPLEX B~~

Facility C

25X1D



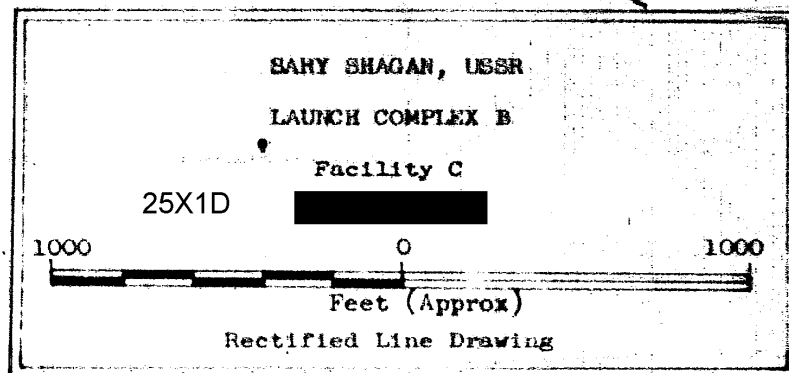
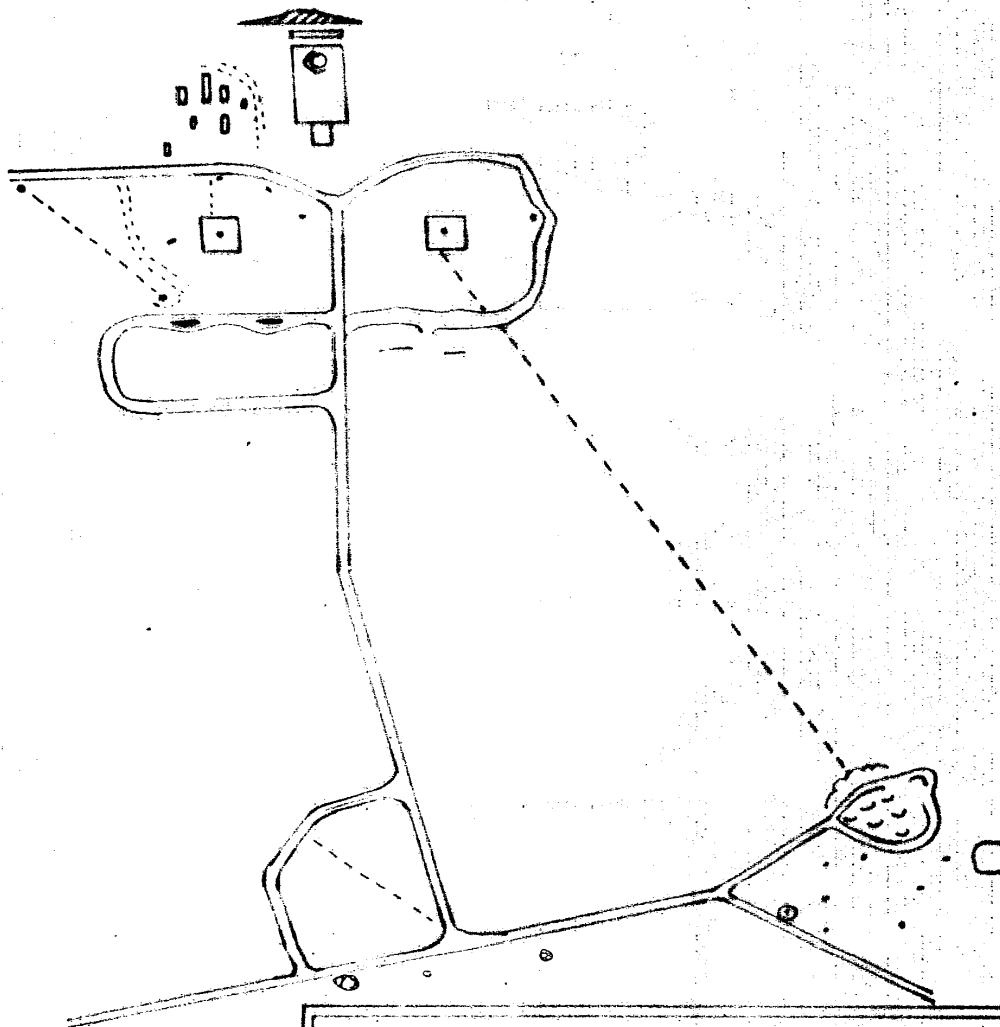
Feet (Approx)  
Rectified Line Drawing

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CIA/PID/MEB-P-28/64

ATTACH. NO. 2

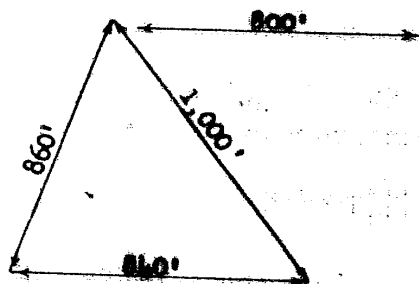
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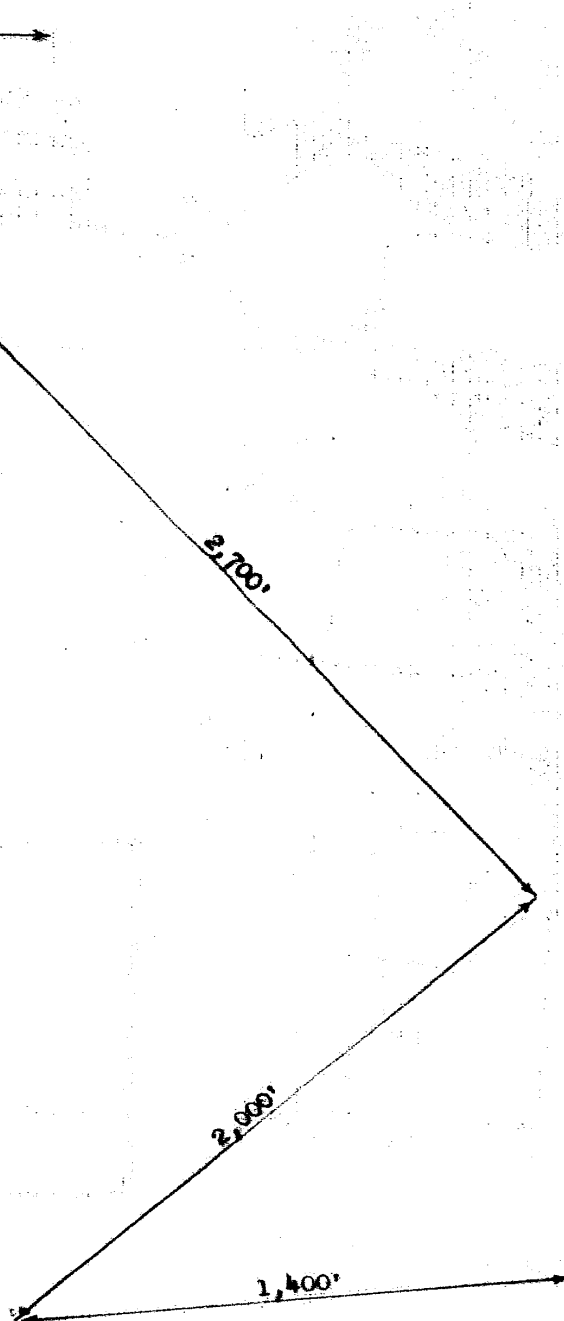
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Moscow SAM Site E-33



BUILDINGS

- A 230' by 135' (Height 30' to 50')
- B 110' by 95' (Height 30' to 50')
- C 110' by 95' (Height 30' to 50')
- D 110' by 30' (Height 10' to 20')  
 120' by 40' "  
 110' by 30' (U/C)
- E 120' by 30' (Height 10' to 20')  
 110' by 30' "  
 100' by 20' "



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ATTACH. NO. 3

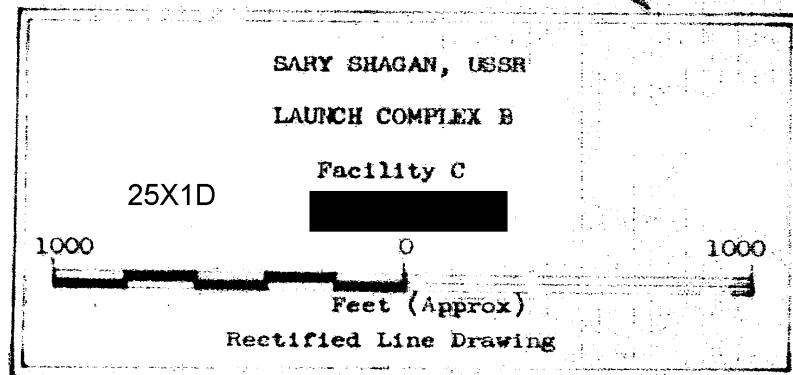
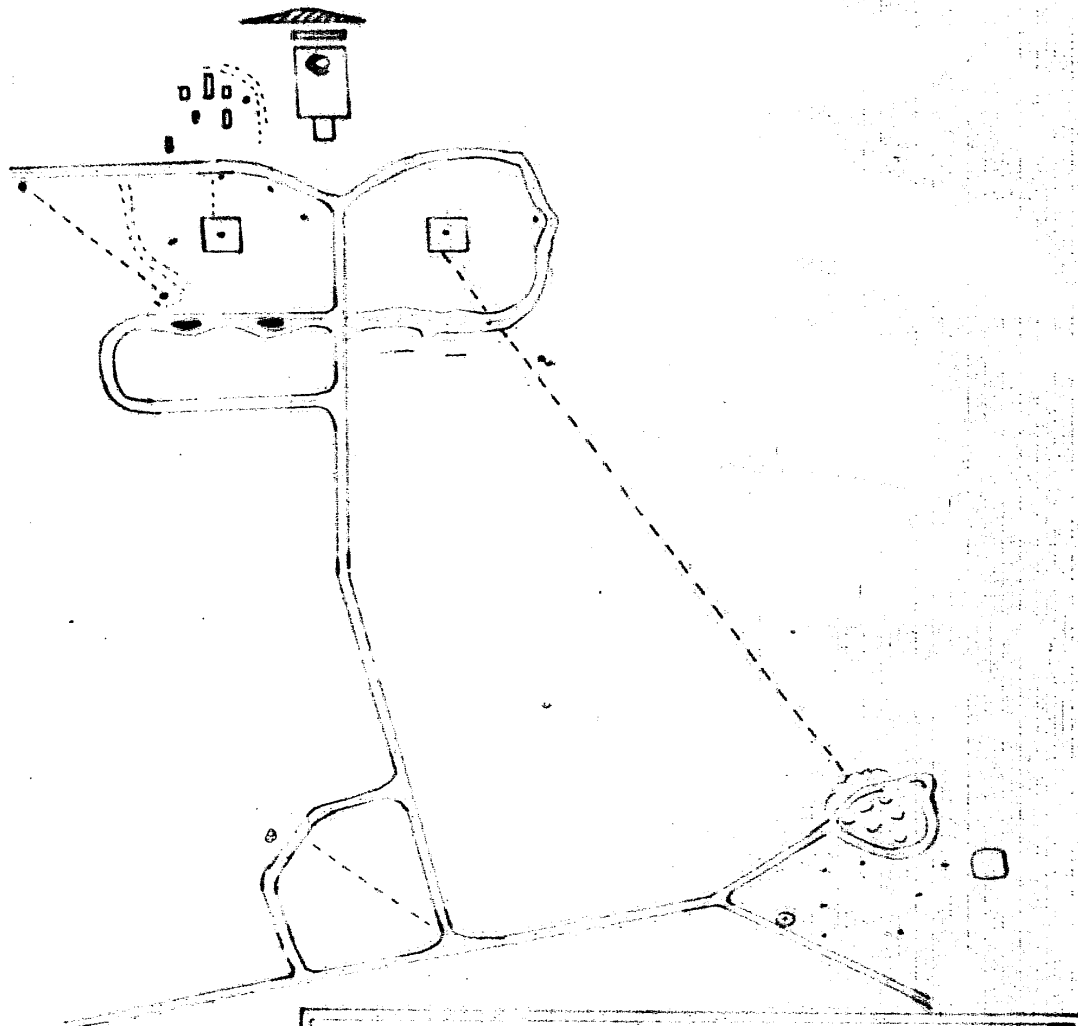


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ATTACH No. 3



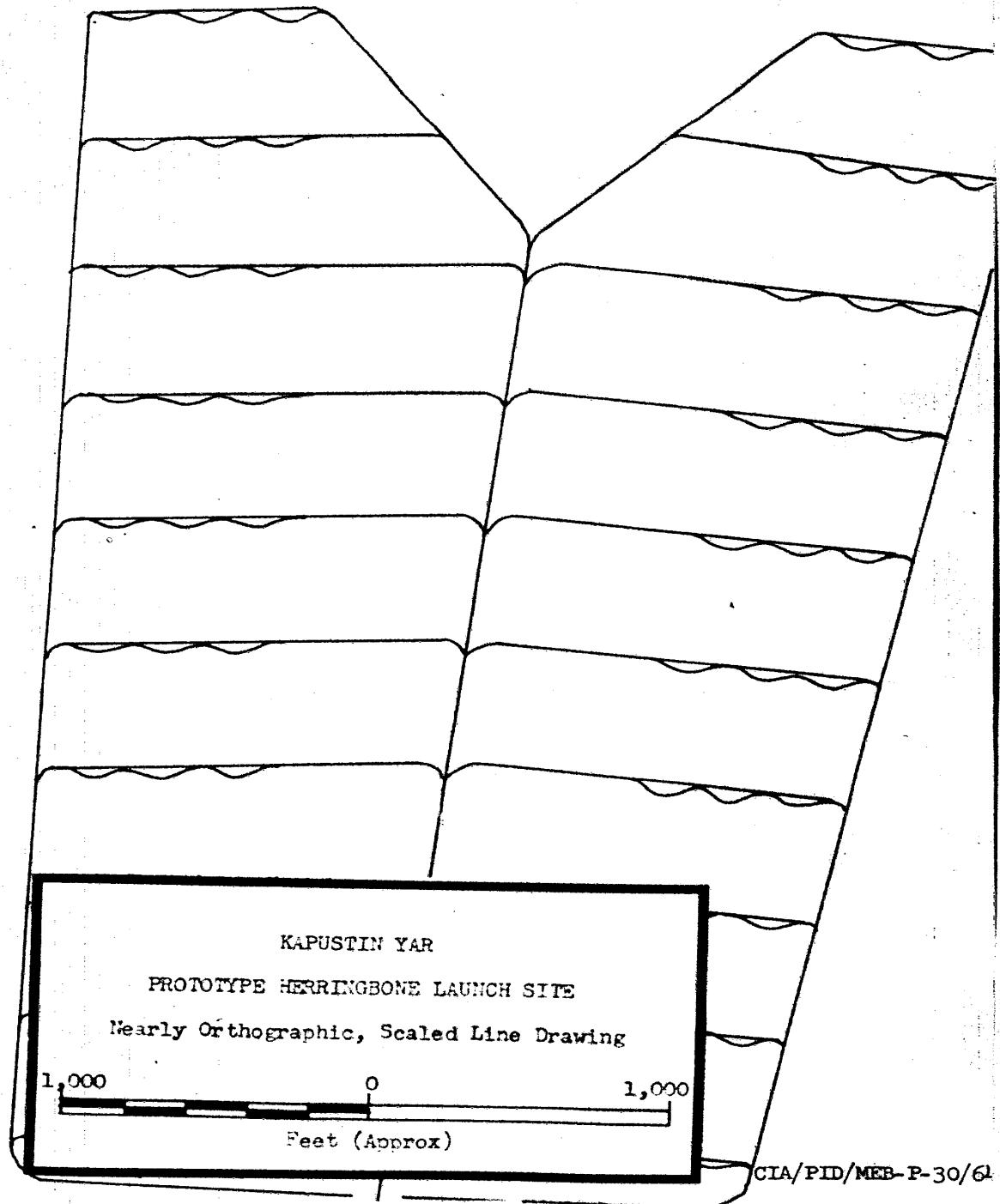
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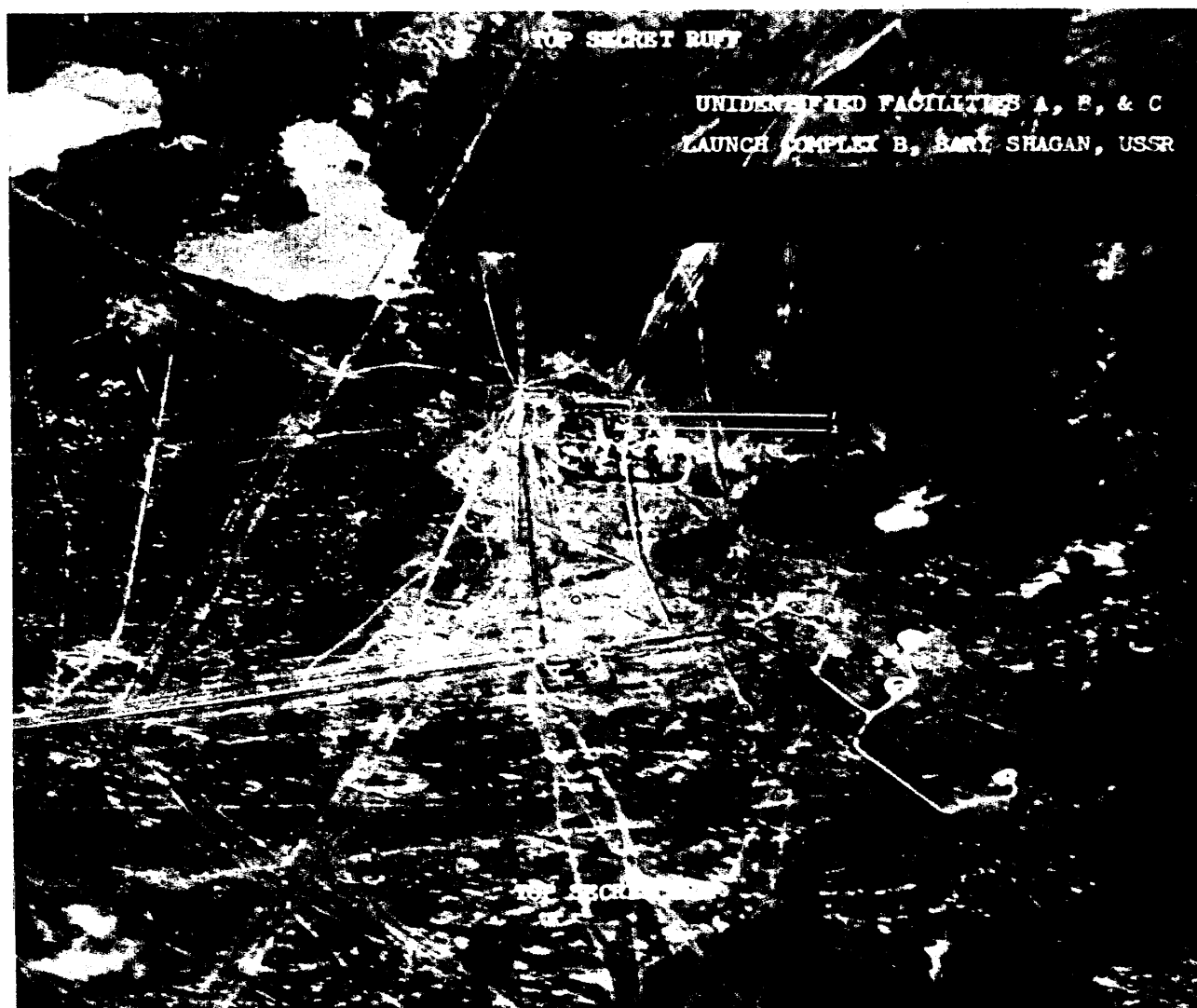
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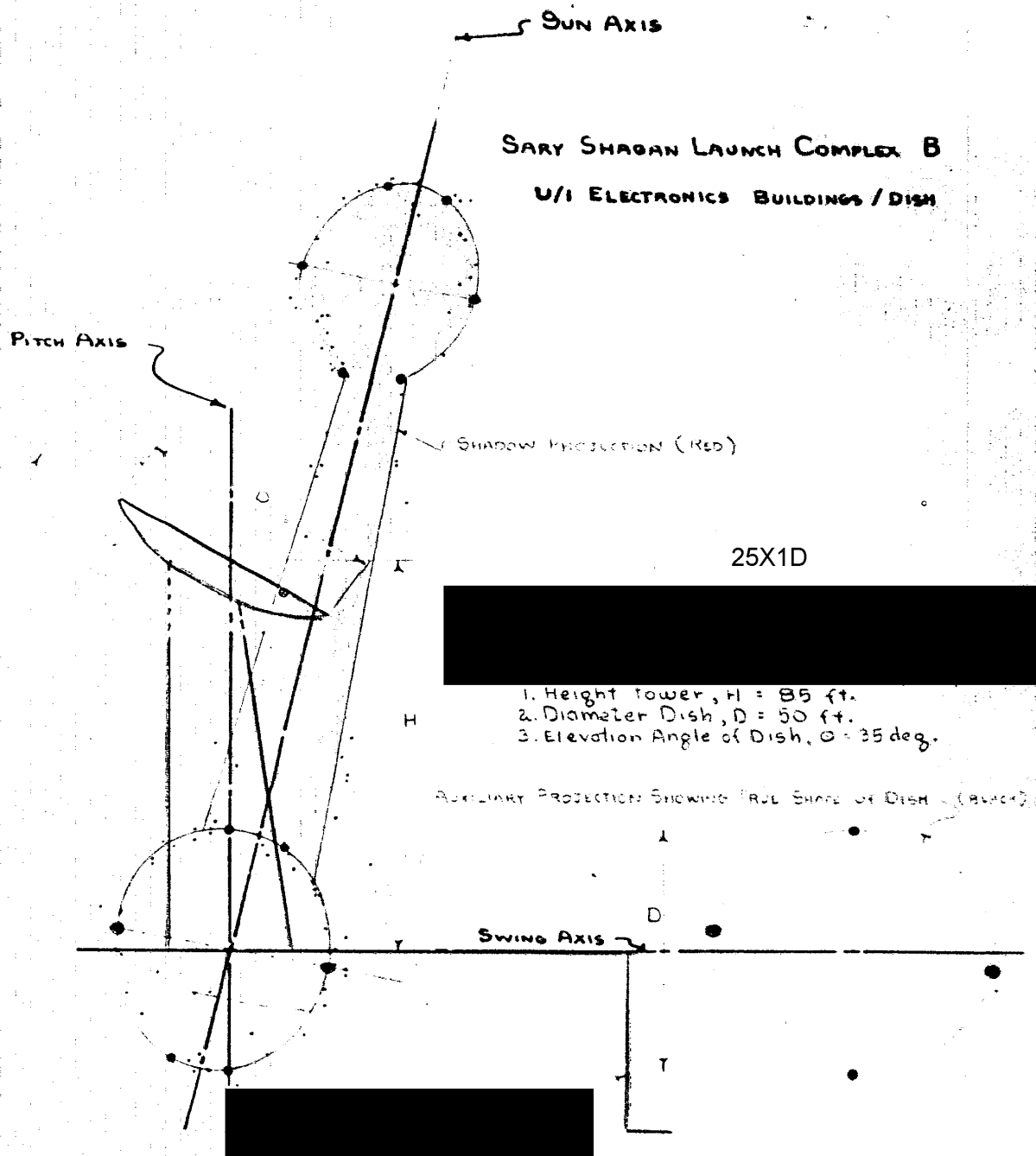
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ATTACH. NO. 5

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CIA/PID/MEB-P-31/64  
Bureau of the Chief

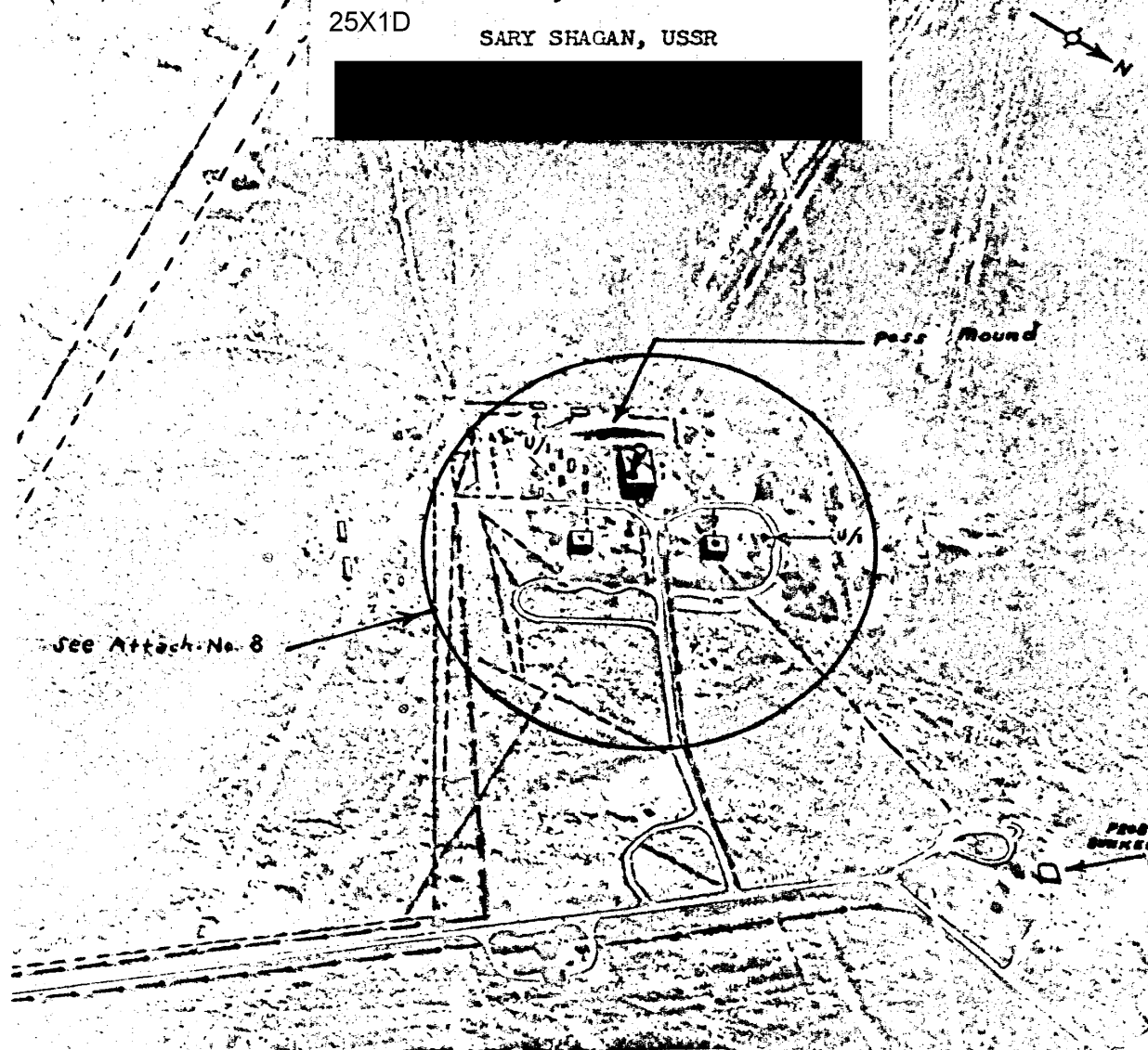
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FACILITY C, LAUNCH COMPLEX B

25X1D

SARY SHAGAN, USSR



KEY

----- Prob Significant earth scars

----- Prob Pipeline

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ATTACH. NO. 7

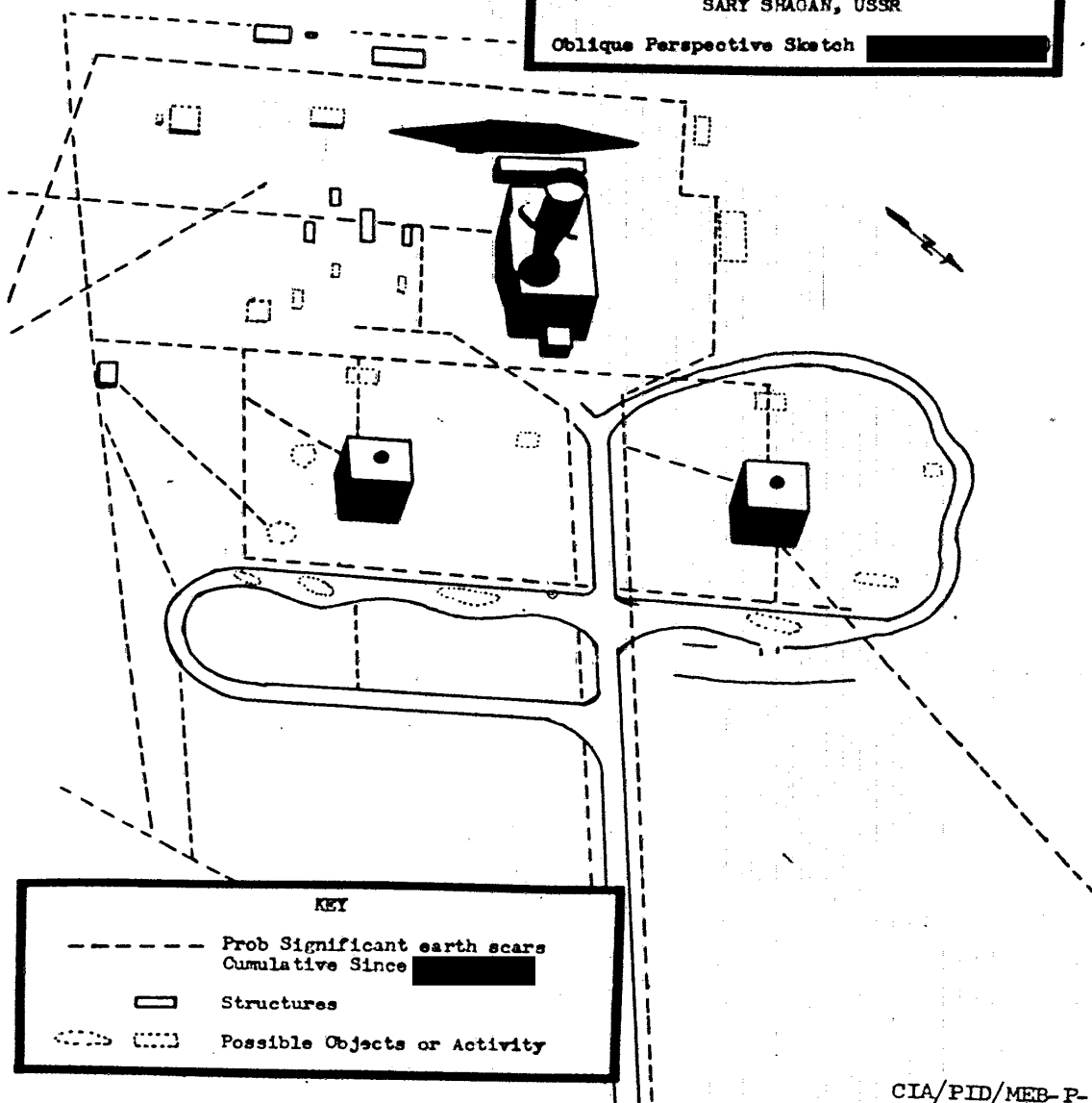
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FACILITY C, LAUNCH COMPLEX B

SARY SHAGAN, USSR

Oblique Perspective Sketch

25X1D



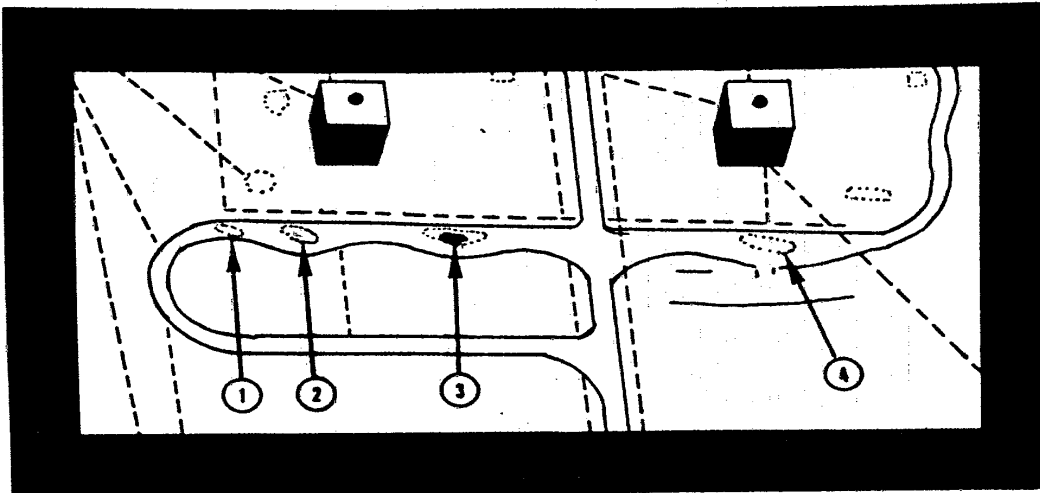
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CIA/PID/MEB-P-32/64

ATTACH. NO. 8

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FACILITY C, LAUNCH COMPLEX B, SARY SHAGAN, USSR

ACTIVITY AT POSSIBLE LAUNCH SEGMENTS

Presence of Objects or Activity at Annotations			
1	2	3	4
Prob Yes	Yes	Yes	Poss Yes
Poss Yes	Poss Yes	Prob Yes	Poss Yes
Poss Yes	Poss No	Prob Yes	Poss No
Prob Yes	Poss Yes	Prob Yes	Poss Yes
Poor Quality .....		Poss Yes	Poor Quality
Poor Quality .....			
Poor Quality .....			
Poor Quality .....		Poss Yes	Poor Quality
Poor Quality .....		Poss Yes	Poor Quality
Prob No	Prob No	Prob No	Prob No
Positive Negation .....			

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ATTACH. NO. 9

CIA/PID/MEB-P-33/64

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## SA-1 SAM SITE E33-1, MOSCOW

(See Attachments 1 and 3)

## FACILITY C, LAUNCH COMPLEX B

(See Attachments 2 and 5)

No photo coverage, but the site is probably operational.	No evidence of construction activity.
No photo coverage, but the site is probably operational.	No change can be detected.
Very poor photo quality - identification only.	Early stages of site preparation in the triad area with extensive earth scarring but no evidence of building foundations. A loop type road at Annotation F is possibly under construction.
This is the first mission which produced interpretable photography. Some of the buildings of the triad are present, but there are no signs of foundations or footings. However, ground scarring can be detected in the area between Building A and Area D. Five 200 by 50 foot buildings are present in the support area. Of these, four are arranged in a row while the fifth is sited apart. The road leading south from the northwestern corner of the Herringbone site is hardly visible and possibly lightly used.	No photo coverage.
Portions of the Herringbone pattern are cloud covered. The possible construction activity noted on [redacted] can not be seen, however, this is possibly due to poor photo quality. A portion of the road leading south from the northwestern corner of the Herringbone site is visible. The road is more prominent, indicating a possible increase in its use for access to construction activity in what is now referred to as the building triad area.	Construction on the triad of buildings is apparently in advanced stages, with all walls and probably the roofs in place. The small structure (Annotation A-1) in front of the large building can not be seen. Unidentified construction activity adjacent to the large building is noted. Trenches in the triad area are visible and a loop road (Annotation F) is possibly under construction.
No photo coverage.	Construction activity is in evidence throughout the area of the triad installation, however, structure A-1, in front of the large building, is probably still missing. Evidence of construction activity on an oblong loop type road pattern in back of the triad of buildings is noted for the first time. The loop road at Annotation F is probably complete. Considerable trench work can be seen in the area. A road looping around building B is possible under construction.
No photo coverage.	No change can be detected since the last mission.
The quality of this photography is poor, however, possible construction activity in the building triad area can be detected. The access road to the building triad area is more prominent, possibly indicating increased use since [redacted] Photo quality precludes analysis of support area structures. [redacted] no cover).	[redacted] Structure A-1 is seen under construction for the first time. Other [redacted] Buildings B and C appear complete with objects on the roofs. Construction activity can be seen on the roof of Building A.
Partial cloud cover and poor quality. Possible construction activity can be seen in the building triad area. A probable sixth large building is present in the support area, similar to and in line with the four previously observed.	Construction activity continues. A trench to the large building appears to have been enlarged.
No photo coverage.	The small structure in back of Building A (Annotation A-2) is seen for the first time. It is not possible to tell if this building extends to the edge of Building A, as it is partly hidden by the shadow of the larger building. Possibly three buildings are under construction in a new area of activity (Area D, Attachment 2). A possible mound or earth ramped structure has been added in front of Building A-1. Two small possible buildings can be seen approximately 300 feet south of this feature. The activity approximately 200 feet southeast of the large building continues. A small, low rectangular structure with two or more smaller shapes nearby, can be seen. A possible crane is nearby. Two possible launch points can be seen at Annotation J.
No photo coverage on [redacted] Buildings A and B appear complete, however, possible construction activity continues on the top rear portion of building A. Building C appears to be incomplete. An unidentified small object is centered on the top of Building B. Possible footings or foundations for the structures in Area D are in place. The buildings in Area E are possibly in place. The row of five large buildings is prominent in the support area, approximately 9,000 feet southeast of the building triad area. (See Annotation 1, Attachment 1). The sixth building, similar in size, is located about 700 feet to the southwest. (See Annotation 2, Attachment 1). A loop road with a wide radius turn, is prominent between Building A and Buildings B and C.	Construction activity continues in the area southeast of the large building and on the loop road in back of the triad of buildings. A circular dish shaped object, approximately 50 feet in diameter, can be seen on or near the ground alongside the large building. It may be the dish which later photography reveals atop the tower, yet to be constructed on the roof of the large building. Construction of a trench between Building B and the loop road at Annotation F is in progress. A possible trench or ditch can be seen on the south side of the loop road at Annotation F. [redacted] No cover.
No photo coverage.	Construction activity in the area continues. The large building is probably complete. A tower is being constructed on the front portion of the roof of the large building. The tower is now approximately 40 feet above roof level.
Partial cloud cover and haze limit interpretation. No changes can be seen.	Construction activity continues. The loop pattern of roads in the triad area is now more distinct. A possible launch point, possibly with a different configuration, is being constructed on the other side of the central access road, northeast of Building B. Two probable buildings now appear in Area D. The loop road northeast of Building B bends outward, and an unidentified shape can be seen just inside this bend. Earth scarring and other activity can be detected at the loop road at Annotation F. A trench from Building B to this loop road is complete. Activity in the area southeast of Building A continues. The central structure in this area is approximately 50 by 20 feet in size. Grouped around this long narrow structure are three to six 50 by 20 foot structures. All structures are low, casting little or no shadow. The tower on the roof of Building A is complete. It is 65 feet tall and has a 50 foot circular dish shaped object at its top. The dish is elevated at an angle of 55 degrees from the horizontal, on an azimuth of 85 degrees.
All three buildings in the triad appear to be complete. Buildings B and C have an unidentified small object centered on each roof. A raised structure about 70 feet wide and possibly square, is being constructed on the rear portion of Building A. The top of the raised structure is 15 to 30 feet above the level of the roof. New track activity and earth scarring is noted in the Herringbone pattern since the last mission. This new activity is depicted on Attachment 3.	No photo coverage

25X1D

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ATTACH NO 10